

ABSTRACT

The invention relates to a process for bending glass sheets (2) heated to their softening point, comprising the following features:

- the glass sheets (2) are laid on a concave bending frame (3) and prebent by gravity,
- the prebent glass sheets (2) are transferred to a transfer former (4) with a concave forming surface, the transfer former (4) being moved up through the concave bending frame (3), the perimeter of which is larger, and thus picking up the glass sheets (2),
- the transfer former (4) is positioned so that in vertical projection it overlies a final bending former in the form of a frame (5) with a concave forming surface,
- the transfer former (4) is moved up through the larger-diameter final bending former (5), the glass sheets (2) being laid on the final bending former (5),
- the glass sheets (2) are bent into their final shape, and
- at the end of the bending operation, the glass sheets in their final shape (2) are transferred from the final bending former (5) to a transport system and cooled.

The invention also relates to a system for carrying out the process.

[Fig. 1]